



Program Executive Office - Special Programs



**National Defense Industrial Association
Joint Services Small Arms Symposium**

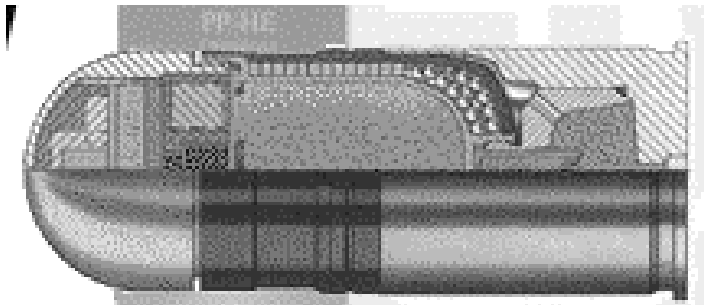
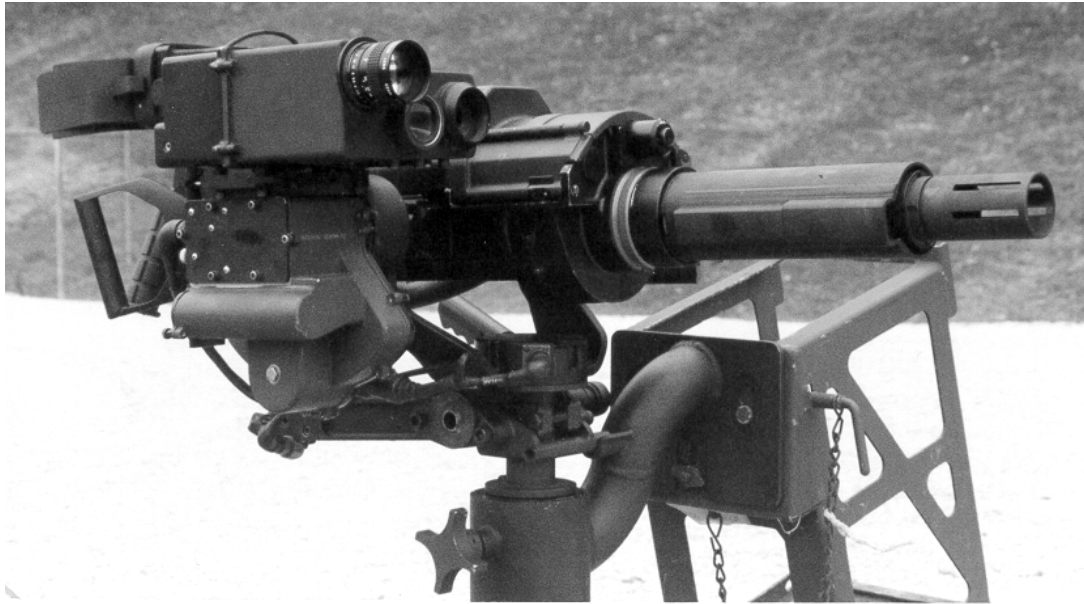
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ALGL

Advanced Lightweight Grenade Launcher





PROGRAM OBJECTIVES

- United States Special Operations Command (SOCOM)
 - Field Improved 40mm Weapon System Meeting Special Operations Forces (SOF) Requirements
- Foreign Comparative Test (FCT)
 - Type Classify / Type Qualify Air-bursting Ammunition



ALGL

Key Performance Parameters

- Low System Weight
- Maximum Effective Range
- High Probability of Hit
- Ground and Vehicle Mounted
- Fire Control Provides Ballistic Solution
- Enhanced Target Detection and Recognition
- Uses Standard and Air-Burst Ammunition



7.62 Lightweight Machinegun



7.62MM LWMG

The current 7.62mm machine gun within the NSW inventory (MK43) has proven to be less than reliable, NSW users have lost confidence in the weapon and the weapon is becoming unsupportable due to US Army going to M240 series.

Therefore, a MNS/ORD was approved on 21 March 2001 for a new Lightweight 7.62mm Machine Gun (LWMG).

The 7.62mm LWMG program has been patterned after the MK46 program.



ACQUISITION APPROACH

Combined Milestone Decisions/Approvals

Use of “Draft” Performance Specification to gain early Industry/User involvement and reduce risk

Establish “Go/No Go” Criteria for Product Samples to allow Early Elimination of Non-Compliant Products

Product Sample Testing prior to Source Selection Initial Technical Testing by Crane Operational Assessment directed by the Marine Corps Programs Department

IPPD with Integrated Source Selection (Users, Technical and Program Representatives)



ACQUISITION APPROACH

Best Value Award Determination

Will employ Adjectival Ratings

Factors will include such things as User Eval, Technical, Past Performance & Cost

Indefinite Delivery Indefinite Quantity Contract (IDIQ)

Firm-Fixed Price/5 Year Option Availability

IDIQ Min = 6 LWMGs (First Articles)

IDIQ Max = 2500 LWMGs

Cradle-to-Grave Program/Project Management



Special Operations Peculiar

Modification to the M4A1(SOPMOD)

Components of SOPMOD Block I





Capabilities Required:

- ***Standardized versatile weapons accessories***
- ***Modular- meets needs across SOF mission scenarios***
- ***Increased operator survivability and lethality by enhanced target acquisition, signature suppression, and fire control***
- ***Evolutionary Acquisition Subprograms:***
 - ***Block I***
 - ***Block II***
 - ***Block III***



Future Programs

Day/Night M203 Sight

- Description:
 - Long range night sighting capabilities (day scope and reflex sight)
 - Provides day/night precision aiming for the M203
 - Improves weapon accuracy
 - Status:
 - RFP released Jul 00
 - Contract award planned for 1QFY02
 - Desired fielding time frame: FY 02-04
 - Funding level: \$4-8M
- For Industry Information



Future Programs

SOPMOD Block II, Group A

- Description:
 - Enhanced Grenade Launcher Module (EGLM) to replace M203
 - Platform Modifications (PMOD) to Rifles and Carbines
 - Family of Muzzle Break/Suppressors (FMBS)
 - Extended Life Barrel (ELB)
 - Visible Light Illuminator (VLI)
 - Enhanced Combat Optical Sight for SPR (ECOS-SPR)
- Status:
 - CAA released Jun 01
 - Contract award planned for 3QFY01
- Desired fielding time frame: FY 04-08 for EGLM, 02-04 for all others
- Funding level: \$4-8M

For Industry Information



Future SOPMOD Programs

Enhanced Combat Optic Sight, Carbine (ECOS-C)

- Description:
 - Combines capabilities of existing sights
 - Multi-functional day optics
 - Illuminated reticle
- Status:
 - ORD approved Oct 99
 - RFP planned for 4QFY02
- Desired fielding time frame: FY04-06
- Funding level: \$8-9M

Business Opportunities for Industry



Future SOPMOD Programs

Clip-on Night Vision Device (CNVD)

- Description:
 - Image intensifier, thermal imager, or a sensor-fusion day/night, all weather observation, and aiming device
- Status:
 - ORD approved Oct 99
 - RFP planned for 4QFY02
- Desired fielding time frame: FY04-06
- Funding level: \$11M

Business Opportunities for Industry



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